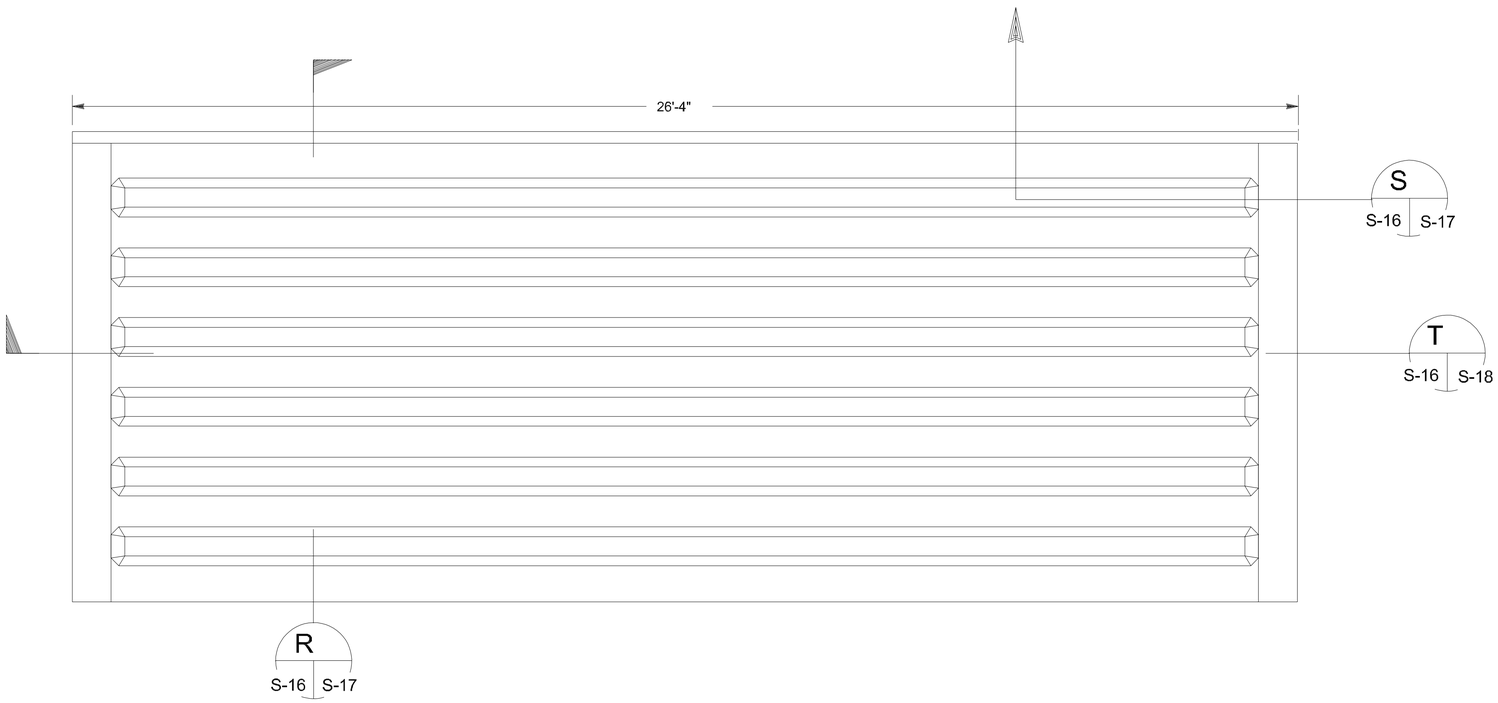
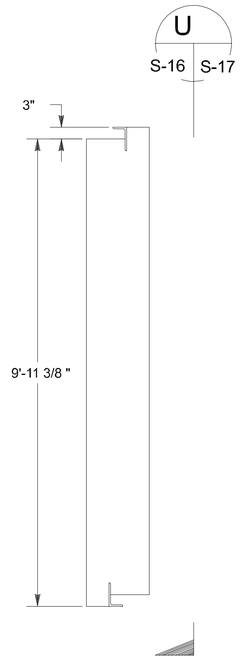


ROOF PANEL PLAN

SCALE: N.T.S.



NOTES:

1. UNLESS OTHERWISE NOTED CONCRETE COVER OVER STEEL REINFORCEMENT SHALL CONFORM TO THE MINIMUM REQUIREMENTS OF ACI 318.
2. REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 OR GRADE 60.
3. CONCRETE USED SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI. PANEL MAY BE PRECAST BY A MANUFACTURER SPECIALIZING IN PRECAST PRODUCTS OR PRECAST AT THE JOB SITE.
4. WIRE TIE REINFORCING BAR AS NEEDED, USING WIRE NO. 13.
5. A CLASS C FINISH IS REQUIRED FOR EXPOSESD FORMED SURFACES OF ROOF PANEL. A CLASS D FINISH IS REQUIRED FOR SURFACES WHICH WILL BE BELOW GRADE OR NOT EXPOSED TO VIEW AFTER FINAL ASSEMBLY.
6 SIZE, LOCATION AND QUANTITY OF LIFTING INSERTS TO BE DETERMINED BY CONTRACTOR.
7. PROVIDE ELECTRICAL CONTINUITY WITHIN THE ROOF PRECAST PANEL BY BONDING (CLIPPING, BRAZING OR WELDING) AT 5 LINEAR FEET INTERVALS ACROSS TOP OF STIRRUPS TO END ANGLES IN ONE DIRECTION. IN THE OTHER DIRECTION, FROM BOTTOM PLATE TO #4 REINFORCEMENT.

US Army Corps of Engineers

Symbol	Description	Date	Approved

Designed by: J. JENUS (AA/CWGB)
Dwn by: RLA
Ckd by: WAW
Reviewed by: CMB
Submitted by: William H. Zehrt
Date: MAR 94
Design file no. 99 - 421-80-06
Drawing code: 84432
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Plot scale: 1 = "
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U. S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE HUNTSVILLE, ALABAMA

AIR FORCE MODULAR STORAGE MAGAZINE BOX-TYPE 421-80-06

ROOF PANEL PLAN

Sheet reference number:
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